

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-23. (Cancelled)

24. (Currently Amended) A spray dispenser assembly for the dispensing of liquids suitable for use in clean-room environments comprising

(a) a collapsible liquid impermeable vessel having an open end comprising a neck portion provided with a collar that is more rigid than said vessel, the vessel being substantially cylindrical and having a closed, convex bottom, the vessel comprising two sheets of plastic material, a seam being provided between the two sheets of plastic material;

(b) ~~extraction means~~ dispensing mechanism for extracting liquid from said vessel and dispensing the liquid as a spray; and

(c) seal ~~means~~ element arranged in sealing position between said ~~extraction means~~ dispensing mechanism and said vessel, said seal ~~means~~ element being so arranged that:

(i) said collar of said vessel sealingly engages with said seal ~~means~~ element,

(ii) said vessel is substantially sealed to said ~~extraction means~~ dispensing mechanism, and

(iii) the ingress of air into said vessel is substantially inhibited;

said seal ~~means~~ seal element and ~~extraction means~~ dispensing mechanism being arranged such that said ~~extraction means~~ dispensing mechanism is operable to dispense liquid from said vessel ~~whilst~~ while said seal ~~means~~ element is in a sealing position.

25. (Previously Presented) A spray dispenser assembly according to claim 24, wherein said vessel is at least partially filled with a liquid suitable for use in a cleanroom environment.

26. (Previously Presented) A spray dispenser assembly according to claim 24, wherein said vessel is at least partially filled with a liquid chosen from one or more of a sterile liquid, a reactive liquid, a sterile alcohol and a biocide.

27. (Currently Amended) A spray dispenser assembly according to claim 24, in which said collar, having a circumference, ~~has been~~ is formed separately from the neck portion and joined thereto around ~~[[the]]~~ said collar circumference.

28. (Previously Presented) A spray dispenser assembly according to claim 24, in which said collar has been inserted into said neck portion and welded around the full collar circumference and wherein said welding of the collar has been performed a plurality of times by a welding apparatus, the orientation of said collar and neck portion in said welding apparatus being changed between each welding process so that a complete and secure circumferential weld is formed.

29. (Currently Amended) A spray dispenser assembly according to claim 24, in which said vessel comprises two sheets of ~~plasties~~ plastic material welded together at their edges to form a substantially cylindrical vessel providing a neck end with an open neck portion disposed at one end thereof, with said collar disposed therein, and a closed end opposite the neck end.

30. (Currently Amended) A spray dispenser assembly according to ~~any one of~~ claim 29, in which excess material is removed from around said neck portion prior to welding the collar thereto.

31. (Cancelled)

32. (Currently Amended) A spray dispenser assembly according to claim 24, in which said vessel comprises ~~plasties~~ plastic material which is inert, even upon irradiation or contact with biocides or other liquids that it may be used to contain.

33. (Previously Presented) A spray dispenser assembly according to claim 24, in which said collar and neck portion are made from the same material.

34. (Currently Amended) A spray dispenser assembly according to claim 24, in which said ~~extraction means~~ dispensing mechanism includes a dispensing line extending through said seal ~~means element~~ and inside said vessel, said dispensing line being gripped in sealing engagement with a bore provided through said seal ~~means element~~.

35. (Previously Presented) A spray dispenser assembly according to claim 24, in which said vessel collapses from an expanded state to an increasingly collapsed state as liquid is extracted from said vessel.

36. (Previously Presented) A spray dispenser assembly according to claim 24 further comprising support means for supporting said vessel.

37. (Currently Amended) A spray dispenser assembly according to claim 36, in which said support means includes a support neck defining an opening for locating said ~~extraction means~~ dispensing mechanism, and said support neck being configured to cooperate in sealing engagement with said vessel.

38. (Previously Presented) A spray dispenser assembly according to claim 37, in which said collar has an annular lip which rests upon said support neck of said support means.

39. (Previously Presented) A spray dispenser assembly according to claim 36, in which said support means comprises a vent permitting air inside said support means, but externally of said vessel, to exist at ambient atmospheric pressure.

40. (Currently Amended) [[a]] A spray dispenser assembly for the dispensing of liquids suitable for use in clean-room environments comprising:

(a) a collapsible liquid impermeable vessel having an open end comprising a neck portion provided with a collar that is more rigid than said vessel;

(b) a trigger assembly comprising a dip tube extending inside said vessel;

(c) a bung provided with an aperture therethrough, said bung being arranged in sealing position between said trigger assembly and said vessel, said aperture being adapted to be in fluid communication with said dip tube, said bung being so arranged that:

- (i) said collar of said vessel sealingly engages with said bung,
- (ii) said vessel is substantially sealed to said trigger assembly, and
- (iii) the ingress of air into said vessel is substantially inhibited;

said bung and trigger assembly being arranged such that said trigger assembly is operable to dispense liquid from said vessel ~~whilst~~ while said bung is in a sealing position; and

(d) a support container provided with a support neck defining an opening for locating said trigger assembly, said support neck being configured to cooperate in sealing engagement with said vessel, wherein said collar has an annular lip ~~which rests~~ resting upon said support neck of said support container, said support container further comprising a vent permitting air inside said support container, but externally of said vessel, to exist at ambient atmospheric pressure, the vessel being substantially cylindrical and having a closed, convex bottom, the vessel comprising two sheets of plastic material, a seam being provided between the two sheets of plastic material.

41. (Currently Amended) A kit for forming a spray dispenser assembly, the kit comprising a collapsible liquid impermeable vessel for use in a spray dispenser assembly, ~~extraction means a~~ pump dispenser trigger assembly for extracting liquid from said vessel and dispensing said liquid as a spray, a seal ~~means~~ element able to sealingly engage with said vessel and said ~~extraction~~ means pump dispenser trigger assembly, and support means for said vessel,

said vessel having an open ~~and~~ end comprising a neck portion provided with a collar that is more rigid than said vessel, the vessel being substantially cylindrical and having a closed, convex bottom, the vessel comprising two sheets of plastic material, a seam being provided between the two sheets of plastic material;

said trigger assembly comprising a dip tube;

said collar being adapted to sealingly engage with said seal ~~means~~ element provided between said ~~extraction means~~ pump dispenser trigger assembly of said spray dispenser assembly and said vessel;[[.]]

~~wherein said extraction means is in the form of a conventional pump dispenser trigger assembly, said sealing means is in the form of a bung adapted for sealing engagement with said vessel and said seal element~~ having a bore therein adapted to sealingly engage with ~~[[a]]~~ said dip tube of said trigger assembly, and said support means is in the form of a support container.

42. (Currently Amended) A method of manufacturing a collapsible liquid impermeable vessel for use in a spray dispenser assembly,

said vessel having an open end comprising a neck portion provided with a collar that is more rigid than said vessel;

said collar being adapted to sealingly engage with a seal ~~means~~ element provided between ~~an extraction means~~ a dispensing mechanism of said spray dispenser assembly and said vessel,

the method of manufacturing said vessel comprising a step of welding two sheets of plastic material together,

wherein the collar is inserted into said neck portion and welded around the full collar circumference and wherein said welding of the collar is performed a plurality of times by a welding apparatus, the orientation of said collar and neck portion in said welding apparatus being changed between each welding process so that a complete and secure circumferential weld is formed.

43. (Cancelled)

44. (New) A method according to claim 42, in which excess material is removed from around said neck portion prior to welding the collar thereto.